

CLAIMS

1 An optical scanning device for scanning an information carrier (12) comprising
tracks, said optical scanning device comprising a fixed part (10) with a radiation source (101)
5 and means for compensating for spherical aberration (104), and a movable part (11)
comprising a folding mirror (111) and an objective lens (112), the optical scanning device
comprising first moving means for moving said movable part (11) in a cross track direction
in a track selection mode, and second moving means for moving said objective lens (112) in
a cross track direction in a fine tracking mode and for moving said folding mirror (111) in
10 said fine tracking mode such that said folding mirror (111) substantially follows said
objective lens (112).

2 An optical scanning device as claimed in claim 1, wherein said second moving means
are adapted to move said movable part (11) in said fine tracking mode.

3 An optical scanning device as claimed in claim 1, wherein said second moving means
15 comprise a first actuator for moving said objective lens (112) and a second actuator for
moving said folding mirror (111).

4 An optical scanning device as claimed in claim 3, further comprising means for
detecting the position of the objective lens (112) and means for sending a signal
representative of said position to said second actuator.

20 5 An optical scanning device as claimed in claim 3, wherein the first and second
actuators are controlled by a same tracking signal.